

SHAPED HEATERS AND USES THEREOF

Abstract of the Disclosure

The present invention features shaped resistive heaters, uses thereof, and
5 methods for their fabrication. The heaters are shaped such that they can conform
to all or part of an object, e.g., an injection mold. The heaters may be permanently
bonded to the object, or they may be adjacent to the object but not adhered, having
the advantage of being removable and replaceable. The heaters include an
electrically resistive element, which is, for example, a plate, a wire coil, or a
10 deposited layer. Exemplary resistive elements are fabricated by thermal spray.